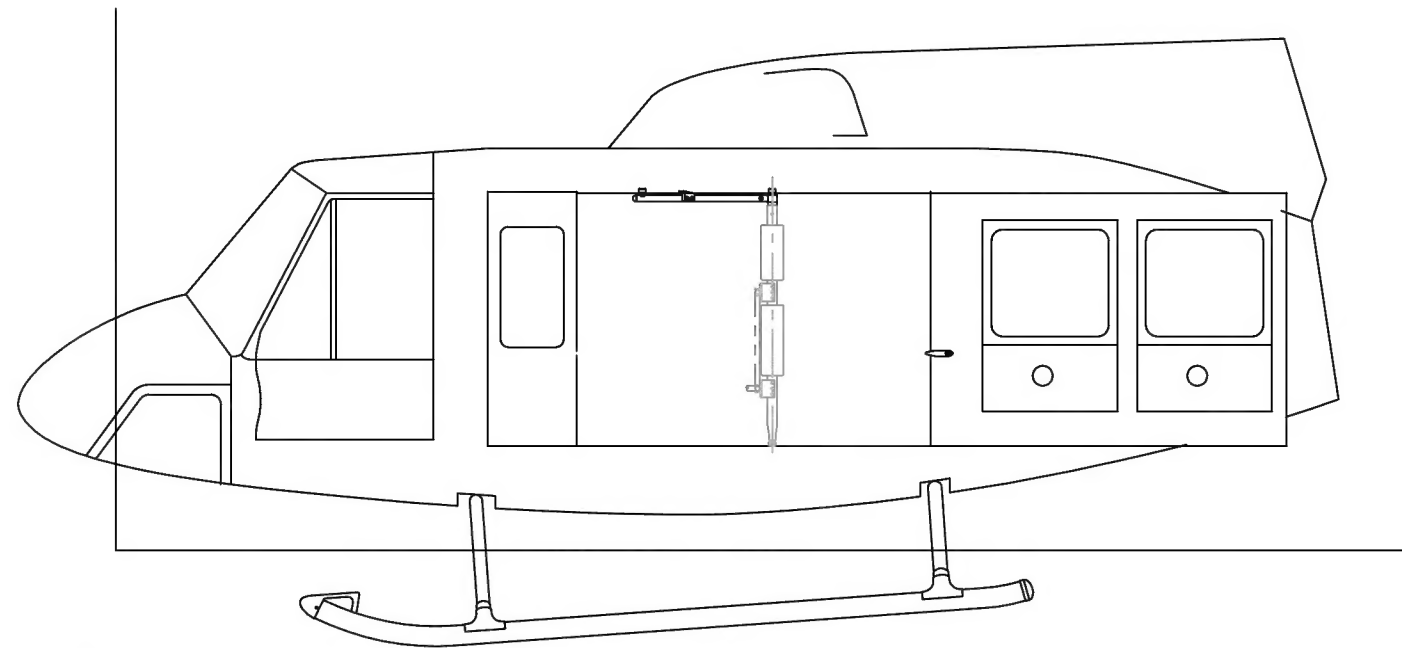
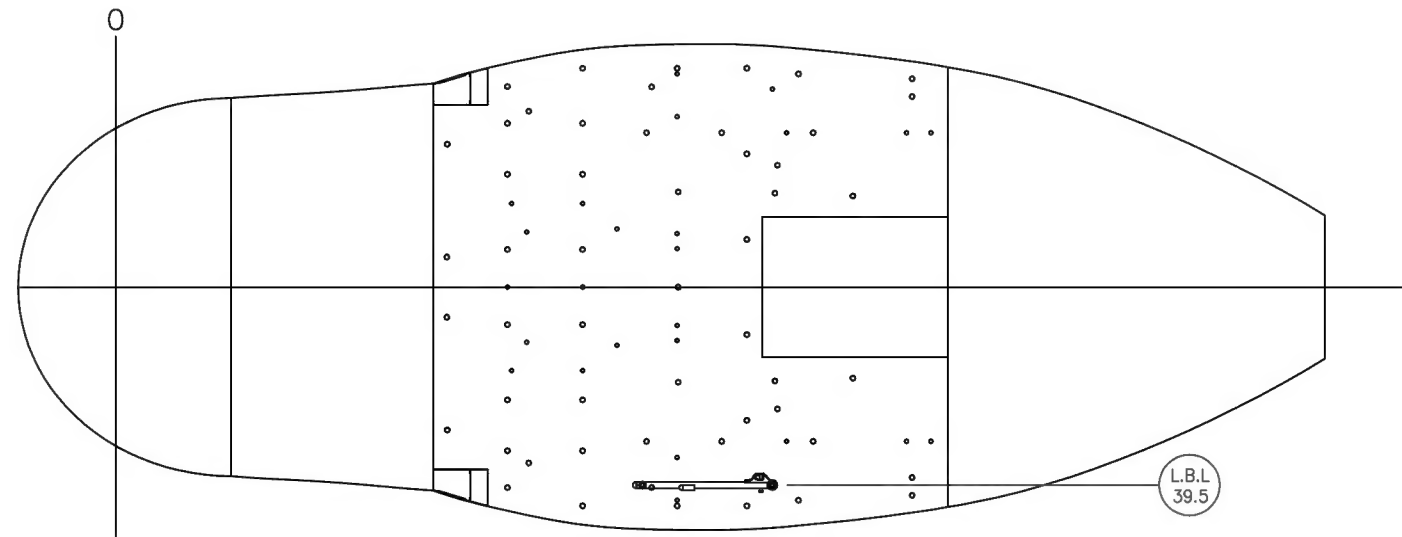


WEIGHT AND BALANCE							
ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL		
			ARM (IN)	MOMENT (LB-IN)	ARM (IN)	MOMENT (LB-IN)	
01	RAPPEL MOUNT PROVISION – LHS (IF INSTALLED)	7.63	120.4	918.6	–39.5	–301.4	
02	RAPPEL MOUNT PROVISION –RHS (IF INSTALLED)	7.63	120.4	918.6	39.5	301.4	



01 RAPPEL MOUNT PROVISION INST. LHS
NOT TO SCALE

02 RAPPEL MOUNT PROVISION INST. RHS
OPPOSITE

AIRCRAFT MUST BE IN HOVER
FOR RAPPEL OPERATIONS

RAPPEL OPERATIONS DURING VFR CONDITIONS ONLY

11 PLACARD
SCALE 1 : 1

12 PLACARD
SCALE 1 : 1

FASTENER DIAMETER/THREAD SIZE	RECOMMENDED STANDARD TORQUE RANGE
10 – 32	20 TO 25 IN-LB
1/4 – 28	50 TO 70 IN-LB

NOTE: THE ABOVE VALUES APPLY TO ANY FASTENER COMBINATION UNLESS OTHERWISE SPECIFIED. TARE TORQUE MUST BE ADDED TO ALL TORQUE VALUES.

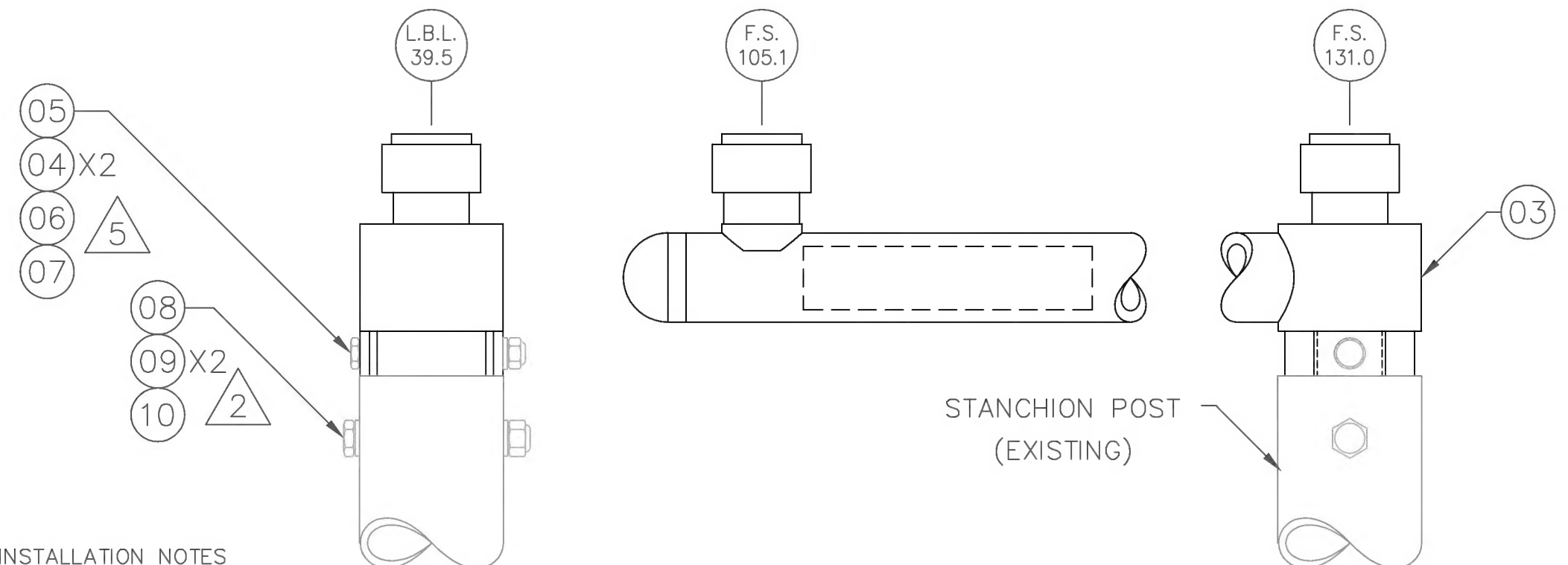
PLACARD NOTES – TYP ALL PLACARDS

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        LINEWIDTH = 1/32"
    MIN. TEXT HEIGHT = 1/8"
        TEXT COLOUR = RED
        TEXT FONT = ARIAL
    BACKGROUND COLOUR = WHITE

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	CHANGED PART NO. FOR ITEM 07 AND 10, REMOVED ITEM 13 (PLACARD)	RR	23/06/08



1. REMOVE STANCHION ADAPTER AND ASSOCIATED HARDWARE OF THE LH STANCHION POST FOR INSTALLATION OF ITEM 01 "RAPPEL MOUNT PROVISION INST. LHS".
REMOVE STANCHION ADAPTER AND ASSOCIATED HARDWARE OF THE RH STANCHION POST FOR INSTALLATION OF ITEM 02 "RAPPEL MOUNT PROVISION INST. RHS".

2. ALIGN STANCHION ADAPTOR HOLE WITH STANCHION SLOT. INSTALL HARDWARE AS SHOWN.
3. INSTALL THE RAPPEL MOUNT PROVISION INTO THE EXISTING STANCHION POST AS SHOWN. INSTALL THE RAPPEL MOUNT AND STANCHION INTO THE EXISTING ROOF AND FLOOR FITTINGS. LOCK THE ROOF AND FLOOR FITTINGS.
4. ENSURE ALL ROOF AND FLOOR FITTINGS ARE SEATED AND LOCKED INTO POSITION.
5. INSTALL ITEM 04 "BEARING CLIPS" AND ASSOCIATED HARDWARE AFTER THE STANCHION POST AND RAPPEL MOUNT PROVISION ARE LOCKED INTO THE HELICOPTER ROOF AND FLOOR.
6. INSTALL ITEM 11 "PLACARD" AND ITEM 12 "PLACARD" IN CLEAR VIEW OF THE PILOT.
7. *NOTE REMOVED*
8. ITEM 14 "HOOK KNIFE" MUST BE:
 - A. CARRIED BY THE RAPPEL OPERATIONS LOAD MASTER FOR IMMEDIATE ACCESS, OR
 - B. FIXED WITHIN THE HELICOPTER CABIN, READILY ACCESSIBLE TO THE RAPPEL OPERATIONS LOAD MASTER.THE LOCATION DETAILS OF THE HOOK KNIFE MUST BE DETAILED BY THE OPERATING AGENCY'S OPERATING PROCEDURES.

1	1	RAPTOR	14	HOOK KNIFE	VANGUARD TECHNETICS, INC. (SAFETY KNIFE)	
		—	13	—		
1		75801—12	12	PLACARD	3M SCOTCHCAL 7725—10 (0.09MM) VINYL	3M
1	1	78501—11	11	PLACARD	3M SCOTCHCAL 7725—10 (0.09MM) VINYL	3M
1	1	MS21044N4	10	LOCKNUT		
2	2	AN960—416	09	WASHER		
1	1	AN4—24A	08	BOLT		
1	1	MS21044N3	07	LOCKNUT		
1	1	AN960—10	06	WASHER		
1	1	AN3—23A	05	BOLT		
2	2	75836—01	04	BEARING CLIPS		
1		75820—21	15	RAPPEL MOUNT ASSEMBLY — RH		
	1	75820—01	03	RAPPEL MOUNT ASSEMBLY — LH		
		75801—02	02	RAPPEL MOUNT PROVISION INST. RHS		
		75801—01	01	RAPPEL MOUNT PROVISION INST. LHS		
02	01	PART NO.	ITEM	DESCRIPTION	MATERIAL	VENDOR

QTY		QTY		LIST OF MATERIALS					
NOTICE THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.		APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 www.aerodesign.ca			
		DRAWN: R. RATHWELL		22/04/08					
		CHECKED: E. BURGOIN							
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				BELL 212, 412, 205A-1, 205B RAPPEL MOUNT PROVISION INSTALLATION			
SCALE: NOTED						DWG. SIZE		DWG. NO.	
SHEET 1 OF 1		A2		75801		1			